

Shift Supervisor
SUDA, Joanne

Start Time
10/17/23 18:00

Finish Time
10/18/23 6:00

Operating Time
12.0

Production Date

10/17/23 18:00

Plant U562

RLH	Location	Downtime	hrs
940193 CST Consummed	T802	40,799 kg	
939829 Water To Be Treated	2900	0 kg	
CWT		0	
940183 PST Recovered	T804	55,031 kg	
938080 BioMass Generated	T808	4,007 kg	
940191 CST Lights	T801	612 kg	

Sulfites (ThOx)	Location	Downtime	hrs
940191 CST Lights Consummed	QALD	612 kg	
982529/982527 50%/25% NaOH Consumed	T815	1,749 kg	
984170 Sulfites Generated	T601	52,951 kg	


Deod	Location	Downtime	hrs
940183 PST Consummed	T804	33,293 kg	
948354 H2O2 Consummed	T814	576 kg	
982529/982527 50%/25% NaOH Consumed	8260	471 kg	
939829 Water to be Treated	2900	-471 kg	G
940186 DST Generated	T805	52,951 kg	

API2	Location	Downtime	hrs
940186 DST Consummed	T805	12,262 kg	
992151 Alpha-Tocopherol	8260	0 kg	
973980 API2 Produced	T807	52,951 kg	
973980 API1 Produced	T810	7,283 kg	
974031 BPI Produced	T806	6,340 kg	
939238 DIP Produced	T812	618 kg	
938080 BioMass Produced	T809	1,132 kg	

API3	Location	Downtime	hrs
973980 API 2 Consummed	T807	0 kg	
992151 Alpha-Tocopherol	8260	0 kg	
973993 API3 Produced	T811	52,951 kg	
940193 CST Recovered	T801	0 kg	

Utilities	Quantity	Unit
Steam	125,107	lb
Water	65,532	G
Waste Water	734	G
Nitrogen	21,283	kg
Electricity	51,397	cf
Natural Gas	14,458	kwh
	0	cf

Tank #	Level	Quantity	Unit
TK601	Sulfites	34,690	kg
TK801	CST	38,520	kg
TK802	CST	7,168	kg
TK803	CST	214,348	kg
TK803	CWT	-	kg
TK804	PST	155,382	kg
TK805	DST	74,900	kg
TK806	BPI	20,172	kg
TK807	API-2	51,688	kg
TK808	Res 1	34,031	kg
TK809	Res 2	1,865	kg
TK810	API-2	28,958	kg
TK810	BPI	-	kg
TK811	API-2	-	kg
TK811	API-3	-	kg
TK812	DIP	5,965	kg
TK814	H2O2	5,794	kg
TK815	NaOH	64,165	kg
TK706	Untreated Wastewater	60,926	G
TK707	Treated Wastewater	49,974	G

	DAILY SHIFT CHECKLIST	NAME: <u>Jerry M. MASON</u>
		DATE: <u>10-18-23</u>

Fire Water Tank

Tank Level is ok?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		Jockey Pump	Diesel Pump
Diesel Tank Free of Leaks?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Ready	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Batteries Bank #1 <input type="checkbox"/> Bank #2 <input checked="" type="checkbox"/>	<u>13</u> volts	Pressure	<u>157</u> psi	<u>158</u> psi
Batteries Free of Buildup?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>			
Comments:				

Water Booster Pump

Pump Online	734A <input checked="" type="checkbox"/> 734B <input checked="" type="checkbox"/>	Discharge Pressure	<u>128</u> psi
Pumps are free from excessive noise	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	VFD	<u>73.1</u> %
Comments:			

Boiler SG701

Water Level is OK? (sightglass)	High <input type="checkbox"/> Normal <input checked="" type="checkbox"/> Low <input type="checkbox"/>	Boiler Blowdown Complete	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Economizer Water In	<u>233.8</u> °F	Combustion Air Temp	<u>55.1</u> °F
Economizer Water Out	<u>248.5</u> °F	VFD	<u>44.2</u> °F
Stack Temp Economizer In	<u>442.0</u> °F	Efficiency	<u>79.74</u> °F
Stack Temp Economizer Out	<u>416.5</u> °F	Firing Rate	<u>27.3</u> °F
Steam Pressure	<u>124.7</u> psi	Water Temp	<u>350.0</u> °F
Oxygen Concentration	<u>4.2</u> %	Elapsed Time	<u>2612342 28 m</u>
Nat. Gas Reading (main line)	<u>N/A</u> MCF	Number of Cycles	<u>24567</u>
Comments:			

Water Softeners

Salt Level OK?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<input type="checkbox"/> OFFLINE	Bank A (North)	Bank B (South)
Salt Added	<u>0</u> bags	Remaining Capacity	<u>30</u> %	<u>100</u> %
Comments:	Remaining Gallons	<u>8639</u> G	<u>28500</u> G	
	Current Flow	<u>0</u> G	<u>0</u> G	
	Today's Usage	<u>0</u> G	<u>0</u> G	
	Daily Average	<u>0</u> G	<u>0</u> G	
	Total Water	<u>4026153</u> G	<u>1769022</u> G	

DA Tank

733A <input type="checkbox"/> 733B <input type="checkbox"/>	<u>241</u> psi
Level	<u>33.2</u> %
Flow	<u>4859</u> kg/hr
Pressure	<u>5.3</u> psi
Temperature	<u>228.2</u> °F
Comments:	

Tempered Water

Pump Running?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Header Temperature	<u>29.6</u> °C	
Differential Pressure	<u>n/a</u> psi	
	TP001A	TP001B
Temperature	<u>30</u> °C	<u>30</u> °C
Pressure	<u>60</u> psi	<u>90</u> psi

Air Compressor (South CUB)

Package Disch Pressure	<u>108</u> psi
First Stage Disch Temp	<u>65</u> °F
Second Stage Inlet Pressure	<u>ø</u> psi
Second Stage Inlet Temp	<u>60</u> °F
Second Stage Disch Pressure	<u>1</u> psi
Second Stage Disch Temp	<u>64</u> °F
Bearing Oil Temp	<u>60</u> °F
Bearing Oil Pressure	<u>ø</u> psi
Oil Pressure Drop	<u>ø</u> psi
Total Hours	<u>40515</u>
Loaded Hours	<u>22774</u>
Comments:	

Air Compressor (North CUB)

Power On	<u>7991</u> hours
Running Hours	<u>2226</u> hours
Loaded Hours	<u>1254</u> hours
Inlet Vac.	<u>ø</u> psi
Sump Pressure	<u>116</u> psi
Pkg Disch Pressure	<u>115</u> psi
Sep Press Drop	<u>3</u> psi
Coolant Filter Drop	<u>4</u> psi
Air end Disch Temp	<u>185</u> °F
Inject Coolant Temp	<u>174</u> °F
Motor Speed	<u>790</u> rpm
Capacity	<u>ø</u> %
Package kW	<u>23</u> kW

Air Dryers

All Systems OK?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Online	Bank A (north) Bank B (south)
Differential Pressure	<u>105</u>
Drains Free of Water?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Dew Point Temp	<u>27°F</u>

Boiler Chemistry

Hardness (softeners) <u>n/a</u>	Blue <input type="checkbox"/> Pink <input type="checkbox"/>
Conductivity (meter)	<u>289</u> µm/cs
Conductivity (display)	<u>413</u> µm/cs

CTW Chemistry

Conductivity (meter)	<u>100</u> µm/cs
Conductivity (display)	<u>81</u> µm/cs
Flow	Yes <input type="checkbox"/> No <input type="checkbox"/>
pH	<u>8.4</u> pH
ORP MV	<u>294.9</u>
WM1 <u>265641</u>	WM2 <u>ø</u>
Katham 1.5% Biocide	<u>n/a</u> G

Cooling Tower

P721a <input checked="" type="checkbox"/> P722 <input type="checkbox"/>	P719 <input type="checkbox"/> P720 <input checked="" type="checkbox"/>
Supply Temperature	<u>26.5</u> °C
Return Temperature	<u>27.6</u> °C
City Water Totalizer	<u>8300422</u> G
Blowdown Totalizer	<u>7055</u> G
Basin Level	<u>n/a</u> in/H2O

Sand Filter

On?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Diff Pressure	<u>N/A</u> psi
Basin Level	<u>N/A</u> in/H ₂ O

Nitrogen

TK Level	<u>106</u> in
TK Pressure	<u>145</u> psi
Flow to Plant	<u>P.O</u> ft ³ /mn

DI Water

WM1	<u>12273018</u>
WM2	<u>0</u>
Conductivity (display)	

Process Area / Tank Farm

MCC Room not used for storage	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Desulfurization Hoses Leak Free	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
MCC Room Climate Controlled	<u>71</u> °F	Decanter TK502 Leak Free	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Power Reading	<u>N/A</u> mkw <u>8469</u> mkw	Decanter TK701 Leak Free	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Deodorization Agitators OK?	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Process Area Funnels Closed	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
CA #1 free of standing water?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	TS #1 Leak Free	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Peroxide Tank Leak Free	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	TS #2 Leak Free	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Peroxide Dike drained/closed	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Valves at CA #2 are closed	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Tank Farm pumps leak free	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Tank farm free of excessive noise	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
Knife Gate at CA #2a Closed	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	CA #1 Free of Terpenes	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Tank Levels Below LSHHs	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Sluice Gate at CA #1 is Closed	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
All pump containment areas are free of standing liquid and drain valves are closed		Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Comments:			

Pumps

	Running	Leaking	Excessive Noise	Seal Fluid OK?	Seal Pot
P501C	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	N/A
P501D	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>38</u> psi
P501A	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P303F	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>34</u> psi
P303E	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>38</u> psi
P303C	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>38</u> psi
P303D	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P302C	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P302E	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>40</u> psi
P301F	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P301E	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P301D	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>38</u> psi
P301C	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>37</u> psi
P102C	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>38</u> psi
P102D	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>38</u> psi
P102E	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>38</u> psi
P101C	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P101D	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input checked="" type="checkbox"/>	<u>60</u> psi
P204	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P201B	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input checked="" type="checkbox"/>	<u>36</u> psi

	Running	Leaking	Excessive Noise	Seal Fluid OK?	Seal Pot
P201A	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input checked="" type="checkbox"/>	<u>32</u> psi
P101H	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>38</u> psi
P101G	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input checked="" type="checkbox"/>	<u>36</u> psi
P101J	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>38</u> psi
P101I	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P102G	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input checked="" type="checkbox"/>	<u>6</u> psi
P102H	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>40</u> psi
P301G	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P301H	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>38</u> psi
P301I	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>38</u> psi
P301J	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>6</u> psi
P302G	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input checked="" type="checkbox"/>	<u>36</u> psi
P302H	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input checked="" type="checkbox"/>	<u>36</u> psi
P303G	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>36</u> psi
P601A	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	<u>34</u> psi
P601B	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	<u>34</u> psi
P201D	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	N/A
P810A	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	N/A
P810B	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	N/A
P602	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	N/A
P812	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>54</u> psi
P809	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>20</u> psi
P811	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>52</u> psi
P803	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input checked="" type="checkbox"/>	<u>54</u> psi
P101A	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>54</u> psi
P101B	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>52</u> psi
P301A	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>38</u> psi
P301B	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>40</u> psi
P802	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input checked="" type="checkbox"/>	<u>26</u> psi
P711	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	N/A
P726	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	N/A
P733	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	N/A
P814	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>92</u> psi
P501B	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>94</u> psi
P807	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>60</u> psi
P804	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>52</u> psi
P201C	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> Low <input checked="" type="checkbox"/>	<u>30</u> psi
P201E	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	<u>52</u> psi
P713A	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	N/A
P713B	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	N/A	N/A

	P701	P715	P716	P717
Oil Level	Low <input type="checkbox"/> Run <input checked="" type="checkbox"/> High <input type="checkbox"/>	Low <input type="checkbox"/> Run <input checked="" type="checkbox"/> High <input type="checkbox"/>	Low <input type="checkbox"/> Run <input checked="" type="checkbox"/> High <input type="checkbox"/>	Low <input type="checkbox"/> Run <input checked="" type="checkbox"/> High <input type="checkbox"/>
CTW Flow	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>
CTW Temp	<u>24</u> °C out	<u>24</u> °C out	<u>26</u> °C out	<u>28</u> °C out
N2 Flow	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> Low <input type="checkbox"/>
Discharge Pres.	<u>3-8</u> mbar	<u>167</u> mbar	<u>-500</u> mbar	<u>4</u> mbar
Flush Tank Level	OK <input checked="" type="checkbox"/> Filled <input type="checkbox"/>	OK <input checked="" type="checkbox"/> Filled <input type="checkbox"/>	OK <input checked="" type="checkbox"/> Filled <input type="checkbox"/>	OK <input checked="" type="checkbox"/> Filled <input type="checkbox"/>

Process Filters

	Online	Leak Free	Δ Pressure
F101A	A <input checked="" type="checkbox"/> B <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	. <u>0</u>
F101B	A <input checked="" type="checkbox"/> B <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	. <u>0</u>
C101 Strainer	(bottom of column)	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	. <u>0</u>
DFA-02-0016	N/A	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	. <u>0</u>
F301A	A <input checked="" type="checkbox"/> B <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	. <u>0</u>
F301B	A <input type="checkbox"/> B <input checked="" type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	. <u>0</u>
F302	A <input checked="" type="checkbox"/> B <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	. <u>0</u>
DFA-06-0022	N/A	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<u>3.8</u>
F713	A <input checked="" type="checkbox"/> B <input type="checkbox"/>	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	<u>N/A</u>

Thermal Oxidizer

ThOx Temp	<u>1714</u> °F	Tank Farm Vent Pressure (behind tk806)	<u>2</u>
Natural Gas Valve Position	<u>47.4</u> %	ThOx Pressure (PIT-06-0025) (<-1)	<u>1.5</u> in/w
Combustion Air Valve Position	<u>33.7</u> %	ID Fan Blower Speed	<u>33.7</u> HZ
Diff. Pressure (DPIT-06-0015) (<6)	<u>46.7</u> in/w	Density Setpoint	<u>1350</u> kgm/m
Scrubber Flow (must be >140)	<u>158.1</u> gpm	Density Control Loop	A <input checked="" type="checkbox"/> B <input type="checkbox"/>
Scrubber Sump Level (LIT-06-0012)	<u>42.0</u> in/w	Density Reading (DIT-0005A/B)	<u>1491</u> <u>1586</u> kgm/m
pH Reading A	<u>8.7</u> pH	pH Reading B	<u>2.4</u> pH

Oyivo

Influent Lift Station	Pump On: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Permeate (yest.) _____ G	Status: <input type="checkbox"/> Flow <input checked="" type="checkbox"/> No Flow
Fine Screen	FS1 Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> FS2 Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Flow: <u>0</u> gpm	Inst. Flux: <u>0</u> gfd
Recycle Pumps	FS1 Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> FS2 Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	Avg Flux: <u>-10</u> gpm	Permeability: <u>0</u>
PA1 <input type="checkbox"/> Online <input checked="" type="checkbox"/> Offline	PA2 <input type="checkbox"/> Online <input checked="" type="checkbox"/> Offline	Suction Pres. <u>0</u>	TM Pressure: <u>0</u>
Level: <u>7.9</u> ft	Level: <u>7.8</u> ft		
DO: <u>0</u> mg/L	DO: <u>0</u> mg/L		
Temp: <u>0</u> °C			
Comments:	Chemical Inventory (# Full):		MBR Status: <u>offline</u>
	Sulfuric ACID Totes: <u>13</u>		Turbidity: <u>-0500</u> NTU
	Bleach Drums: <u>8</u>		MBR1: <u>7.8</u> ft
	DEF Totes: <u>3</u>		MBR2: <u>7.7</u> ft
Alpha-Tocopherol (total inches):			

Oxygen Analyzers – Must be drained once per shift